

CLAIMS

Claims 1 - 23 (Cancelled)

B/ Claim 24. (New) A toggle bar link assembly for conveyor pans of conveyors and guideway pans of mining machine tracks, the toggle bar link comprising toggle bar sockets arranged at the sides of the pans, open to the side, which toggle bar sockets are provided with cut-outs in which a toggle bar having a shaft and two heads can be inserted, the heads being joined in one piece by the shaft which is smaller in cross section and each head having a locking lug such that the locking lugs secure the toggle bar in the toggle bar socket cut-outs by means of detachable securing elements, in which the toggle bar sockets have a first plane of symmetry in which they are formed mirror symmetrically, and a second plane of symmetry to which the pans, jointed to each other are arranged and the socket cut-out has a channel section open to the front and extending for the acceptance of the shaft and a head cut-out to accept a toggle bar head.

Claim 25. (New) The toggle bar link assembly according to Claim 24, in which the toggle bar tapers outwards and downwards continuously from the first plane of symmetry or the toggle bar head.

Claim 26. (New) The toggle bar link assembly according to Claim 24 or 25, in which the toggle bar socket includes a socket base which is formed only in the region of the channel section, which has on its rear side a fastening rib for positive engagement in an intervening space between conveyor side profiles and a central plate of the conveyor.

Claim 27. (New) The toggle bar link assembly according to Claim 26, in which all the toggle bar sockets provided at abutment joints of the pans are identical to each other and are provided in the same assembly positions on the abutting edges of the conveyor side profiles.

Claim 28. (New) The toggle bar link assembly according to Claim 24, in which the shaft has a waist located centrally between the toggle bar heads.

Claim 29. (New) The toggle bar link assembly according to Claim 24, in which the toggle bar heads taper conically to the shaft by means of inclined shoulder surfaces.

Claim 30. (New) The toggle bar link assembly according to Claim 24, in which the locking lugs and toggle bar heads on both shaft ends are formed identically to each other.

Claim 31. (New) The toggle bar link assembly according to Claim 24, in which the toggle bar socket has side parts which are provided with notched or pressed acceptance slots for the acceptance of the securing elements.

Claim 32. (New) The toggle bar link assembly according to Claim 24, in which the toggle bar sockets comprise cast parts.

Claim 33. (New) The toggle bar link assembly according to Claim 24 wherein the securing element comprises an elongate plate which has two holes symmetrically arranged to the central plane of the plate for the acceptance of detachable, deformable securing bolts which can index in the cut-outs of the socket cut-outs.

Claim 34. (New) The toggle bar link assembly according to Claim 33, in which the holes are provided with counterbores on both sides.

Claim 35. (New) The toggle bar link assembly according to Claim 33, in which between the holes at least two borings are provided for the engagement of indexing noses of an assembly/disassembly tool.

31
Claim 36. (New) The toggle bar link assembly according to Claim 24, including

an assembly tool for the toggle bar link comprising a handle and a tool plate, whereby the tool plate has indexing noses on the side of the tool plate away from the handle.
